Presented by the Department of Emergency Medicine
University of California, San Francisco

TOPICS IN EMERGENCY MEDICINE
Parc 55 Wyndham San Francisco
San Francisco, California

REGISTER BY OCTOBER 4, 2013 FOR A REDUCED FEE!

FEATURING NATIONALLY RECOGNIZED SPEAKERS:
Rachel Chin, MD
Daniel Garza, MD
Medical Director, San Francisco 49ers
Susan Promes, MD, FACEP
Author, Last Minute Emergency Medicine: A Concise Review for the Specialty Boards
Eric Silman, MD
Featured Speaker, 2012 ACEP New Speaker Forum & Outstanding New Speaker, 2013 Western Regional SAEM
Jeffrey A. Tabas, MD, FACEP, FAAEM
Author, Electrocardiography in Emergency Medicine

HANDS-ON PROCEDURAL WORKSHOPS on Tuesday, November 5

TOPICS IN ADVANCED EMERGENCY ULTRASOUND

FIND US ON FACEBOOK www.TopicsEM.com

Parc 55 Wyndham San Francisco
San Francisco, California

LIVE RECORDINGS OF LECTURES FOR BOTH COURSES INCLUDED FREE TO ATTENDEES
The UCSF Department of Emergency Medicine and Office of Continuing Medical Education are proud to offer the 42nd Annual Topics in Emergency Medicine. Course topics, both adult and pediatric, are selected to represent those that emergency medicine and urgent care practitioners must remain wary of in order to provide cutting edge care, minimize risk (both to patient and provider), and comply with performance measures. We have assembled award-winning educational leaders from the UCSF Department of Emergency Medicine and UCSF’s world-renowned specialists to lead our lectures and workshops with the emphasis on initial evaluation, treatment and indications for consultation and referral.

EDUCATIONAL OBJECTIVES

An attendee completing the Topics in Emergency Medicine course will be able to:

• Illustrate evidence-based methods for evaluation and treatment of a wide variety of emergency medical and traumatic presentations;
• Employ advances in emergency medical care that can improve outcomes and compliance with performance measures while minimizing risk to patients and providers;
• Improve technical skills in airway management, pediatric and critical care procedures, as well as procedural ultrasound through hands-on teaching.

An attendee completing the Topics in Advanced Emergency Ultrasound will be able to:

• Utilize advanced ultrasound techniques (beyond the FAST exam) in the acutely injured patient;
• Assess the utility and controversies of bedside ultrasound in diagnosing ophthalmic emergencies;
• Distinguish the benefits of ultrasound-guided regional anesthesia.

ACCREDITATION

The University of California, San Francisco School of Medicine (UCSF) is accredited by the Accreditation Council for Continuing Medical Education to provide continuing medical education for physicians. UCSF designates this live activity for a maximum of 20.75 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The optional Topics in Advanced Emergency Ultrasound course is designated for 7.25 AMA PRA Category 1 Credits™. This CME activity meets the requirements under California Assembly Bill 1195, continuing education and cultural and linguistic competency.

Pharmacists: The California Board of Pharmacy accepts as continuing professional education those courses that meet the standard of relevance to pharmacy practice and have been approved for AMA PRA Category 1 Credit™.

Family Physicians: Application for CME credit has been filed with the American Academy of Family Physicians (AAFP). Determination of credit is pending.

Physician Assistants: AAPA accepts category 1 credit from AOACCME; Prescribed credit from AAFP, and AMA Category 1 Credit™ for the PRA for organizations accredited by the ACCME.

Nurses

For the purpose of recertification, the American Nurses Credentialing Center accepts AMA PRA Category 1 Credits™ issued by organizations accredited by the ACCME.

End-of-Life Care: The approved credits shown above include 5.50 AMA PRA Category 1 Credits™ for Topics in Emergency Medicine and .50 for Topics in Advanced Emergency Ultrasound toward satisfying the American College of Surgeons Committee on Trauma requirement for trauma-related continuing medical education.

ACEP: Application has been made to the American College of Emergency Physicians for ACEP Category 1 credit. Determination of credit is pending.

AOA: Application has been made to the American Osteopathic Association (AOA) Category 2 credit. Determination of credit is pending.

This course is endorsed by the American Academy of Emergency Medicine, www.aaem.org.
VISITING FACULTY
Daniel Garza, MD
Assistant Professor of Orthopaedic Surgery and Emergency Medicine, Stanford University School of Medicine; Medical Director, San Francisco 49ers; Associate Director, Lacob Family Sports Medicine Center at Stanford

Eric Silman, MD
Assistant Professor of Emergency Medicine; Assistant Residency Director; University of California, Los Angeles

Zlatan Coralic, PharmD
Clinical Emergency Medicine Pharmacist

Jahan Fahimi, MD, MPH
Assistant Professor of Emergency Medicine

H. Gene Hern, MD, FACEP
Associate Professor of Emergency Medicine; University of California, San Francisco; Program Director, Emergency Medicine Residency, Alameda County Medical Center, Oakland, CA

COURSE FACULTY (CONT’D)
Eric Isaacs, MD
Professor of Emergency Medicine

S. Andrew Josephson, MD
Associate Professor and Vice-Chairman, Department of Neurology; C. Castro-Franceschi and G.K. Mitchell Neurohospitalist Distinguished Professor; Director, Neurohospitalist Program

Judith R. Klein, MD, FACEP
Assistant Professor of Emergency Medicine

Elizabeth Kwan, MD
Assistant Professor of Emergency Medicine

Susan Lambe, MD
Assistant Professor of Emergency Medicine

Preston Maxim, MD
Assistant Professor of Emergency Medicine

Jaqueline Nemer, MD, FACEP
Associate Professor of Emergency Medicine

Jeanne Noble, MD, MA
Assistant Professor of Emergency Medicine

Evelyn Porter, MD, MS
Assistant Professor of Emergency Medicine and of Pediatrics

Susan Promes, MD, FACEP
Professor of Emergency Medicine Vice Chair for Education; Program Director, UCSF-SFGH Emergency Medicine Residency Program

Robert Rodriguez, MD
Professor of Emergency Medicine

Nicole Strauss Schroeder, MD
Assistant Professor of Orthopaedic Surgery

Kanade Shinkai, MD, PhD
Assistant Professor of Dermatology

Guy Shochat, MD
Associate Professor of Emergency Medicine

Barry Simon, MD
Professor of Emergency Medicine, UCSF; Chairman, Alameda County Medical Center, Oakland, CA

Craig Smollin, MD
Associate Professor of Emergency Medicine, UCSF; Assistant Medical Director, California Poison Control System, San Francisco Division; Fellowship Director, Toxicology Fellowship Program

Jeffrey A. Tabas, MD, FACEP, FAAEM
Professor of Emergency Medicine; Director of Outcomes/Innovations, UCSF Office of Continuing Medical Education

Nathan Teismann, MD
Assistant Professor of Emergency Medicine

David Thompson, MD, MPH
Assistant Professor of Emergency Medicine

COURSE CHAIR
Christopher Fee, MD, FACEP
Associate Professor of Emergency Medicine; Assistant Residency Director

COURSE FACULTY (UCSF)
John F. Brown MD MPA FACEP
Associate Professor; Medical Director, San Francisco EMS Agency

Rachel Chin, MD, FACEP, FAAEM
Professor of Emergency Medicine

H. G.ene Hern, MD, FACEP
Associate Professor of Emergency Medicine; University of California, San Francisco; Program Director, Emergency Medicine Residency, Alameda County Medical Center, Oakland, CA

TOPOICS IN ADVANCED EMERGENCY ULTRASOUND

COURSE CHAIR
Nathan Teismann, MD
Assistant Professor of Emergency Medicine, UCSF

COURSE FACULTY
Manish Asaravala, MD
Director of Emergency Ultrasound
Kaiser Permanente Santa Clara Medical Center

Rimon Bengiamin, MD, RDMS
Assistant Clinical Professor of Emergency Medicine; Director of Emergency Ultrasound
UCSF Fresno

Pedro Campos, MD
Emergency Ultrasound Fellow, UCSF

Arun Nagdev, MD
Assistant Clinical Professor of Emergency Medicine
Director of Emergency Ultrasound, Alameda County Medical Center, Oakland, CA

Aparajita Sohoni, MD
Assistant Professor of Emergency Medicine; Student Clerkship Director, Alameda County Medical Center, Oakland, CA

Ralph Wang, MD, RDMS
Assistant Professor of Emergency Medicine; Ultrasound Fellowship Director, UCSF

Laleh Gharaabaghian, MD
Emergency Ultrasound Fellow
Stanford Medical Center, Palo Alto, CA

Andrew A. Herring, MD
Emergency Ultrasound Fellow
Alameda County Medical Center, Oakland, CA

R. Starr Knight, MD
Assistant Professor of Emergency Medicine, UCSF

Dan Mantuani, MD
Assistant Professor of Emergency Medicine
Alameda County Medical Center, Oakland, CA

TOPICS IN EMERGENCY MEDICINE
(All Faculty are from UCSF and San Francisco General Hospital unless otherwise noted)
MONDAY, NOVEMBER 4, 2013

7:00 am  Registration & Continental Breakfast
8:00  Welcome  Christopher Fee, MD
8:10  Bath Salts  Eric Silman, MD
8:45  Dermatologic Emergencies  Kanade Shinkai, MD, PhD
9:20  Practice Changing Pearls (Infectious Disease)  
     Three Old Tests With New Uses to Change Your Diagnostic Approach  
     Christopher Fee, MD
9:30  Cardioversion/Defibrillation  Eric Silman, MD
10:00  Break
10:15  The Other AAA (Allergic Reactions, Angioedema, and Anaphylaxis)  
     H. Gene Hern, MD
10:50  The Hand Exam  Nicole Strauss Schroeder, MD
11:25  ENT Bleeding  H. Gene Hern, MD
12:00 pm  Q&A Session  Morning Speakers
12:15  Lunch (On Your Own)
1:35  PT  Critical Care in the ED  
     Robert Rodriguez, MD
2:10  T  Ultrasound for Undifferentiated Shock  
     Nathan Teismann, MD
2:45  Practice Changing Pearls (Infectious Disease)  
     What’s New in the Management of Severe Sepsis and Septic Shock?  
     Christopher Fee, MD
2:55  PT  Palliative Care in the ED  Eric Isaacs, MD
3:25  Break
3:40  Use of Scribes in the ED  Eric Isaacs, MD
4:15  ED Bouncebacks (and How to Avoid Them)  David Thompson, MD
4:50  Q&A Session  Afternoon Speakers
5:00 pm  Adjourn/Hosted Reception (Meet the Course Instructors)

GENERAL INFORMATION
Pre-registration is preferred to ensure that adequate materials and space are available at the course. Pre-registration closes (1) business day prior to course start date.

HOW TO ENROLL
BEFORE October 4, 2013:  
$655  Physician
$455  Allied Health Professional/Intern/Fellow/Med Student
AFTER October 4, 2013:  
$685  Physician
$485  Allied Health Professional/Intern/Fellow/Med Student

Topics in Emergency Ultrasound  
November 7, 2013  
$300  Physician/Allied Health Professional/Intern/Fellow/Med Student

REGISTER VIA:  
Online:  www.cme.ucsf.edu
Mail:  Complete course registration form and send with payment to:  
UCSF Office of CME  
P.O. Box 45368  
San Francisco, CA 94145-0368
Fax:  Fax completed registration form to:  
(415) 502-1795 (be sure to include your credit card number)
Phone:  To register by phone or to inquire about registration status, please call UCSF’s CME Registration Office at  
(415) 476-5808.

Payment may be made by Visa, MasterCard, American Express or check.

REFUND POLICY
Cancellations received in writing before the first day of the course will be refunded, less a $75 administrative fee. No refunds will be made on cancellations received after that date.

CONFERENCE LOCATION
The conference will take place at the Parc 55 Wyndham San Francisco, just steps from Powell Street BART station, the Cable Car Turnaround, the Westfield San Francisco Shopping Center, San Francisco’s famed Union Square, and the Theater District.

A block of guestrooms has been reserved at the special UCSF conference rate of $219/night. Due to a citywide convention occurring in San Francisco during our scheduled meeting, we urge you to make your hotel reservations now to obtain the best rate. The cut-off date is October 17th, 2013, or until the group room block is filled. After this date, rooms will be provided on a space and best rate-available basis only. To make your reservation, call 1-800-697-3103. Please identify yourself as a member of this UCSF Topics in Emergency Medicine conference to receive the special rate.

By staying at the host hotel, you help UCSF meet its contractual obligations and keep registration fees reasonable. Please take this into consideration when making your accommodation decisions.

AIR, CAR AND HOTEL INFORMATION
For airline, car rental and additional hotel information, visit www.cme.ucsf.edu.
TUESDAY, NOVEMBER 5, 2013

7:00 am  Continental Breakfast
8:00  T  Updates in Management of Sports Injuries  Daniel Garza, MD
8:35  TP  Updates in Management of Concussion  Daniel Garza, MD
9:10  P  Practice Changing Pearls (Neurology) - Controversies in Migraine Management  Zlatan Coralic, PharmD
9:15  Tricks of the Trade  Rachel Chin, MD, FACEP, FAAEM
9:50  Break
10:05  T  Airway  Barry Simon, MD
10:40  T  Precipitous Delivery  Rachel Chin, MD, FACEP, FAAEM
11:15  T  Trauma in Pregnancy  Susan Promes, MD, FACEP
11:50  Q&A Session  Morning Speakers
12:05 pm  Lunch (On Your Own)

HANDS-ON WORKSHOPS • TUESDAY, NOVEMBER 5, 2013

1:35 pm  WORKSHOP SESSIONS • Session #1
Participants must pre-register to attend a workshop during Session #1 and Session #2
1. The Crash of Asiana Flight 214  John Brown, MD, MPA, FACEP
   Many lessons were learned in the face of this tragic event. Speak with those who were there during this brief presentation and open question and answer session, including EMS leadership, physicians, and nurses from a variety of EDs including the trauma center, academic institution, and community settings.
2. LLSA Review and Test  Susan Promes, MD, FACEP
   Review the 2012 & 2013 American Board of Emergency Medicine Lifelong Learning and Self Assessment (LLSA) articles and take the tests. Bring your laptops!
3. T  Alternative Airways  Guy Shochat, MD & Jeanne Noble, MD
   Improve your familiarity and technique with alternative airway interventions through hands-on practice.
4. PT  Pediatric Procedures  Evelyn Porter, MD
   Find your fingers fumbling when performing procedures in the pediatric population? Our instructors will review the tricks of the trade to calm your nerves.
5. PT  Ultrasound-Guided Nerve Blocks  Elizabeth Kwan, MD
   Broaden your analgesic repertoire with ultrasound-guided nerve blocks.
6. T  Ultrasound-Guided Volume Assessment  Elizabeth Kwan, MD
   Use ultrasound to determine volume status and guide management of your critically ill patients.
7. PT  Critical Care Procedures  Jacqueline Nemer, MD
   High stakes procedures require a steady hand and cool head. Review and practice critical surgical airways, thoracic procedures, IO lines, and more.
3:05  Break
3:20  WORKSHOP SESSIONS Repeat • Session #2
4:50  Adjourn
5:10 pm  Fun Run  Dominic Tarpley, MSW and Jennifer Dearmian, RN, MBA

TOPICS IN ADVANCED EMERGENCY MEDICINE
THURSDAY, NOVEMBER 7, 2013

7:00 am  Registration/Continental Breakfast
8:30  T  Beyond the FAST Exam: Advanced Sonography for the Acutely Injured Patient  Rimon Benjamin, MD
9:05  Sonographic Evaluation of Acute Flank Pain - Renal Colic and Mimics  Ralph Wang, MD, RDMS
9:40-  Break
10:15  Curious Cases of Chest Pain  Manish Asaravala
10:30  Ophthalmic Ultrasound for the ED: Controversies and Challenging Cases  Nathan Teismann, MD
11:05  Cases of Dyspnea and Abdominal Pain from the Developing World  R. Starr Knight, MD
11:40  Acute Aortic Disease in the ED  Adrian Flores, MD
12:15 pm  Image Challenge (Cases)
12:20  Lunch
# WEDNESDAY, NOVEMBER 6, 2013

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Speaker</th>
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<tbody>
<tr>
<td>7:00 am</td>
<td>Continental Breakfast</td>
<td>Zlatan Coralic, PharmD</td>
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<tr>
<td>8:00</td>
<td>Fun With Drugs</td>
<td>Jahan Fahimi, MD</td>
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<td>8:30</td>
<td>Practice Changing Pearls (Pain Management - Beyond NSAIDs and Narcotics</td>
<td>Arun Nagdev, MD</td>
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<td>8:40</td>
<td>Smoke Inhalation and Carbon Monoxide</td>
<td>Craig Smollin, MD</td>
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<td>9:15</td>
<td>Trauma Transfusion Ratios</td>
<td>Preston Maxim, MD</td>
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<td>9:50</td>
<td>Break</td>
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<td>10:05</td>
<td>The New Anticoagulants</td>
<td>Susan Lambe, MD</td>
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<td>10:40</td>
<td>Crush Injuries</td>
<td>Preston Maxim, MD</td>
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<td>11:15</td>
<td>Pediatric Trauma Updates</td>
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<td>11:50</td>
<td>Q&amp;A Session</td>
<td>Morning Speakers</td>
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<td>12:00 pm</td>
<td>Lunch (On Your Own)</td>
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<td>1:30</td>
<td>Severe Asthma</td>
<td>Jahan Fahimi, MD</td>
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<td>2:05</td>
<td>Pulmonary Embolism</td>
<td>Jeffrey A. Tabas, MD, FACEP, FAAEM</td>
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<td>2:40</td>
<td>Practice Changing Pearls (Cardiovascular) - D-Dimer for Aortic Dissection: Ready for Primetime?</td>
<td>Christopher Fee, MD</td>
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<td>2:50</td>
<td>Toxic Plants and Mushrooms</td>
<td>Judith R. Klein, MD</td>
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<td>3:25</td>
<td>Break</td>
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<td>3:35</td>
<td>Stroke</td>
<td>S. Andrew Josephson, MD</td>
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<tr>
<td>4:10</td>
<td>Practice Changing Pearls (Neurology) - Intracranial Hemorrhage</td>
<td>S. Andrew Josephson, MD</td>
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<td>4:20</td>
<td>Management of the Agitated Patient</td>
<td>James Hardy, MD</td>
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<td>4:50</td>
<td>Q&amp;A Session</td>
<td>Afternoon Speakers</td>
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<td>5:00 pm</td>
<td>Adjourn</td>
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**T** • Trauma CME (toward satisfying the American College of Surgeons Committee on Trauma requirement for trauma related continuing medical education)

**P** • Pain Management and End-of-Life Care CME (in accordance with CA Assembly Bill 487)
TOPICS IN EMERGENCY MEDICINE

November 4-6, 2013

2013 Course Highlights

• Award Winning Educators/Instructors
• Hands-on Workshops Available and Open Forum Q&A Sessions with World-Class Experts
• Interactive Audience Response System
• Attendees Have Free Access to Videos of All Lectures on CMEDownload.com
• No Pharmaceutical/Medical Device Industry Support Since 2006

For more information, please check the registration details in the brochure and online at www.TopicsEm.com.

UPCOMING CME COURSES

High Risk Emergency Medicine Hawaii
February 12-16, 2014
JW Marriott Ihilani Resort
Oahu, Hawaii

High Risk Emergency Medicine
May 22-24, 2013
Westin Market Street
San Francisco, California

For more information or to register online visit our website at www.cme.ucsf.edu.
You may also reach us by calling the Office of CME at (415) 476-4251 or emailing info@ocme.ucsf.edu.